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COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEYU.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

ATTORNEY DOCKET NO.: 054216-5016

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD OF MANUFACTURING CODE ADDRESS MEMORY CELL

The specification of which:

is attached hereto; or

was filed as United States application Serial No. 10/029,394 on December 28, 2001 and was amended on (if applicable); or

was filed as PCT international application Number _____ on _____ and was amended under PCT Article 19 On _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office information which is material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate or Section 365(a) of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign applications(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

PRIOR FOREIGN APPLICATION(S):

COUNTRY (if PCT, indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
Republic of Korea	2001-36726	26/ 06/ 2001	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

Combined Declaration for Patent Application and Power of Attorney - (Continued)
(includes Reference to PCT International Applications)
ATTORNEY DOCKET NO.: 054216-5016

I hereby claim the benefits under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below.

U.S. PROVISIONAL APPLICATIONS

U.S. PROVISIONAL APPLICATION NO.

U.S. FILING DATE:

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) or Section 365(c) of any PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT:

U.S. APPLICATIONS		STATUS (Check One)		
U.S. APPLICATION NO.	U.S. FILING DATE	PATENTED	PENDING	ABANDONED

POWER OF ATTORNEY: As a named inventor, I hereby appoint the registered practitioners of Morgan, Lewis & Bockius LLP included in the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number.

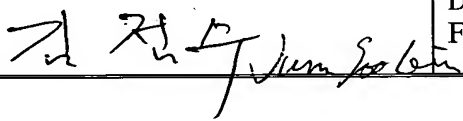
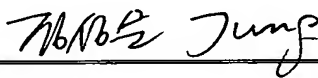

Customer Number: 009629

Direct Telephone Calls To:
(name and telephone number)

**Robert J. Gaybrick
202-467-7000**

Combined Declaration for Patent Application and Power of Attorney - (Continued)
(includes Reference to PCT International Applications)
ATTORNEY DOCKET NO.: 054216-5016

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF SOLE OR FIRST INVENTOR	KIM, Jum Soo	
RESIDENCE & CITIZENSHIP	Kyungki-Do, Republic of Korea	COUNTRY OF CITIZENSHIP Republic of Korea
POST OFFICE ADDRESS	Hyundai Apt. 105-104, Ami-Ri, Bubal-Uep, Ichon-Shi, Kyungki-Do, Republic of Korea	
FIRST OR SOLE INVENTOR'S SIGNATURE		DATE February 18, 2002
FULL NAME OF SECOND INVENTOR	JUNG, Sung Mun	
RESIDENCE & CITIZENSHIP	Kyungki-Do, Republic of Korea	COUNTRY OF CITIZENSHIP Republic of Korea
POST OFFICE ADDRESS	Hyunjin Evervill 103-1403, 630, Shinhae-Ri, Ganam-Myun, Yeosu-Gun, Kyungki-Do, Republic of Korea	
SECOND INVENTOR'S SIGNATURE		DATE February 18, 2002
FULL NAME OF THIRD INVENTOR	CHO, Min Kuck	
RESIDENCE & CITIZENSHIP	Kyungki-Do, Republic of Korea	COUNTRY OF CITIZENSHIP Republic of Korea
POST OFFICE ADDRESS	Jookong Apt. 117-1505, Anheung-Dong, Ichon-Shi, Kyungki-Do, Republic of Korea	
THIRD INVENTOR'S SIGNATURE		DATE February 18, 2002

Listing of Inventors Continued on attached page(s): [X] Yes [] No

FULL NAME OF FOURTH INVENTOR	LEE, Young Bok	
RESIDENCE & CITIZENSHIP	Kyungki-Do, Republic of Korea	COUNTRY OF CITIZENSHIP Republic of Korea
POST OFFICE ADDRESS	Ihwa Apt. 101-201, 97, Eungam-Ri, Bubal-Uep, Ichon-Shi, Kyungki-Do, Republic of Korea	
FOURTH INVENTOR'S SIGNATURE	<i>01/02/02 Lee Young Bok</i>	DATE February 18, 2002

Listing of Inventors Continued on attached page(s): ☐ Yes ☒ No

#3

FORM PTO-1595
(Rev. 6-93)U.S. DEPARTMENT OF COMMERCE
Patent and Trademark OfficeRECORDATION FORM COVER SHEET
PATENTS ONLY

Attorney Docket No.: 054216-5016

To the Commissioner for Patents

Please record the attached original documents or copy thereof.

ATTN: BOX ASSIGNMENT

1. Name of conveying party(ies):

Jum Soo KIM
Sung Mun JUNG
Min Kuck CHO
Young Bok LEE

Additional names of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Hynix Semiconductor Inc.

Internal Address:

Street Address: San 136-1, Ami-Ri, Bubal-Uep, Ichon-Shi,
Kyungki-Do, Republic of Korea

City:

State:

Zip:

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

Additional name(s) & address(es) attached?

☐ Yes ☒ NoExecution Date: February 18, 2002

4. New Application number(s) or patent number(s):

If this document is being filed together with a new application the execution date of the application is:

A. Patent Application No.(s) 10/029,394

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robert J. Gaybrick

Internal Address: **Morgan, Lewis & Bockius LLP**
Customer No. 09629Street Address: 1111 Pennsylvania Avenue, N.W.
City: Washington State: D.C. Zip: 200046. Total number of applications and patents involved: 17. Total fee (37 C.F.R. §3.41): \$40.00☐ Enclosed☒ Authorized to be charged to Deposit Account 50-0310

8. Deposit Account No. 50-0310

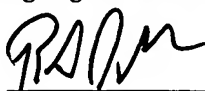
(Attach duplicate page if paying by deposit account)

9. Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Robert J. Goodell Reg. No. 41,040

Name of Person Signing



Signature

March 21, 2002

Date

Total number of pages including cover sheet, attachments and documents: 3



ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

METHOD OF MANUFACTURING CODE ADDRESS MEMORY CELL

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on December 28, 2001, (Application No. 10/029,394); and

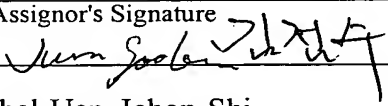
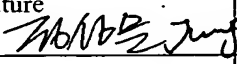
WHEREAS, **Hynix Semiconductor Inc.**, a corporation of **Republic of Korea**, whose post office address is **San 136-1, Ami-Ri, Bubal-Uep, Ichon-Shi, Kyungki-Do, Republic of Korea** (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

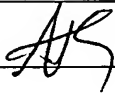
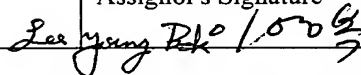
NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 10/029,394, filed December 28, 2001) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s):

Full Name of Sole or First Assignor KIM, Jum Soo	Assignor's Signature 	Date February 18, 2002
Address Hyundai Apt. 105-104, Ami-Ri, Bubal-Uep, Ichon-Shi, Kyungki-Do, Republic of Korea		Citizenship Republic of Korea
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Full Name of Second Assignor JUNG, Sung Mun	Assignor's Signature 	Date February 18, 2002
Address Hyunjin Evervill 103-1403, 630, Shinhae-Ri, Ganam-Myun, Yeoju-Gun, Kyungki-Do, Republic of Korea		Citizenship Republic of Korea
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

Full Name of Third Assignor CHO, Min Kuck	Assignor's Signature 	Date February 18, 2002
Address Jookong Apt. 117-1505, Anheung-Dong, Ichon-Shi, Kyungki-Do, Republic of Korea		Citizenship Republic of Korea
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Full Name of Fourth Assignor LEE, Young Bok	Assignor's Signature 	Date February 18, 2002
Address Ihwa Apt. 101-201, 97, Eungam-Ri, Bubal-Uep, Ichon-Shi, Kyungki-Do, Republic of Korea		Citizenship Republic of Korea
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		